

Children's Newspaper

Every Wednesday—Fourpence

9th September, 1961

BRITISH GIRLS HELP GREEK VILLAGERS

Working holiday that made everyone happy

Fifteen sun-tanned Rangers recently came home after a wonderful holiday in Greece. It was a holiday they will remember all their lives, partly for the voyage and the sightseeing, but most of all for the strenuous fortnight spent with 40 Greek Rangers in camp near a mountain village. It was a fortnight of service to others, the kind of service that all Guides delight in: helping people in their homes, teaching handicrafts and pastimes, and generally lending a hand wherever needed.

GREEK Guides have for several years been organising service teams of this kind, but it was the first time British girls had been invited to join them. And they seized the chance eagerly. About 70 Rangers wanted to go on the trip, and the chosen few went through some pretty stiff tests. Finally they went to a training camp at Buxton, and there practised cooking various kinds of Greek food, learned some Greek phrases, and were given a general brief on the jobs expected of them. Chosen to lead the party was Miss Alison Duke, of Cambridge, who has lived and worked in Greece and speaks the language fluently.

It was a well-equipped and happy band of girls that set sail from England and eventually arrived in the mountain village of

Miriki, a day's journey up from Athens. It is a remote, out-of-the-way place where mules and donkeys are the usual means of transport, and the road had to be repaired before the girls' coach could reach it.

Like many another Greek village, Miriki was badly damaged in the war and has since suffered earthquakes. But the people, poor though they are, remain cheerful despite all their troubles, and they gave a rousing welcome to the Rangers. It was as great an occasion for the villagers as it was for the visitors, who arrived with clothing, toys, and other gifts from Girl Guides in Britain, including £40 which is to be used for restoring the belfry of the village church.

Eighteen-year-old Vivien Hop-



Alison Duke, Vivien Hopson, and Sarah Speed-Andrews, back with a water melon souvenir of their trip to Greece

FLYING TIGERS



One of the highlights of this week's Farnborough Air Show is a display by the English Electric Lightnings of No. 74 Squadron R.A.F. The first squadron to be equipped with these twice-the-speed-of-sound fighters, No. 74 is often called the Tiger Squadron because of the tiger's head in its badge. (For more about the Farnborough Show, see page 7)

Getting to know Norwegians

English-speaking visitors to Norway are offered an opportunity for more enjoyable holidays through the Know the Norwegians programme of the Travel Association offices in Oslo, Bergen, and other towns. Introductions are arranged between visitors and Norwegians of the same professions or who share the same hobbies or interests.

Last year, 350 visitors got to know Norway more intimately in this way and found good friends. Most of them were teachers, students, and journalists.

LONG-LOST WATCH

While on holiday at Morecambe, a young Lancaster girl named Sandra Keegan found a gold watch; it was inscribed with the owner's name, but bore no address.

Following an account of the find which was published in a local newspaper, the owner has since been traced. He is a Bradford business man, and the watch is the one given to him by his parents on his 21st birthday in 1913. He lost it in 1930 while with his children on the sands.

son of Horley, Surrey, told the CN that the Greek and British Rangers worked together in the village for four hours every day and got on famously. They taught the village girls useful handicrafts; whitewashed the village fountains; gave puppet shows to enthusiastic audiences; introduced the younger children to various singing games. For a whole fortnight they were as busy as could be.

Too much washing !

The girls even lent a hand at washing babies; in fact, this particular activity led to mild criticism from one or two Greek grannies who wondered whether so much washing was good for the babies!

Perhaps the highlight of the whole trip was an afternoon fête organised by the girls for the 400 villagers, with entertainment, games, and competitions, followed by a camp fire sing-song in which everyone joined.

Living in an atmosphere of complete goodwill, amid glorious mountain scenery, the British girls had the time of their lives, despite the intense heat and occasional storms. And when at last it was time to say goodbye, there was sadness in many hearts. Come Again, said the friendly people of Miriki. Come Again, echoed the Greek Girl Guides.

Their friend the policeman

In Victoria, Australia, they have a radio programme entitled *My Friend The Policeman*, which has its own club with a badge. The children in it pledge themselves to obey their parents; to be courteous to all; to obey and respect the law; and to regard the policeman as their friend. In the same State, several hundred policemen are qualified Youth Club Leaders.

In New South Wales the Federation of Police Boys' Clubs has 35,000 members, and is very proud of its beautiful Camp Mackay situated 50 miles from Sydney, where 6,000 boys spend their holidays each year. The camp has its own model dairy, piggery, orchards, swimming pool, sports ground, and theatre.

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HOME RULE FOR A STRIP OF AFRICA

By the CN Diplomatic Correspondent

The 300,000 people in Gambia have been promised home rule after elections next May as a step towards complete independence from Britain.

Smallest of all African countries, Gambia is a thin strip of country running along the first 300 miles of the Gambia River, varying

in width from seven to 20 miles, and covering a total area of about 4,000 square miles.

It was the first British colony in West Africa and will be the last to get self-rule. The other three—Ghana, Nigeria, and Sierra Leone—have all become independent during the past four years.

GAMBIA was discovered by the Portuguese in 1455. In the year of the Spanish Armada—1588—Queen Elizabeth granted Royal Charters to English merchants to trade in the region. But not until 1618 was there any British attempt to explore the river, and this ended in disaster. Other expeditions, in 1624 and 1652, were equally fruitless.

The first permanent British settlement in the Gambia dates from 1661. In that year a company of Royal Adventurers sailed 20 miles up river and captured an island fortress then held by a small band of merchants from one of the Baltic States.

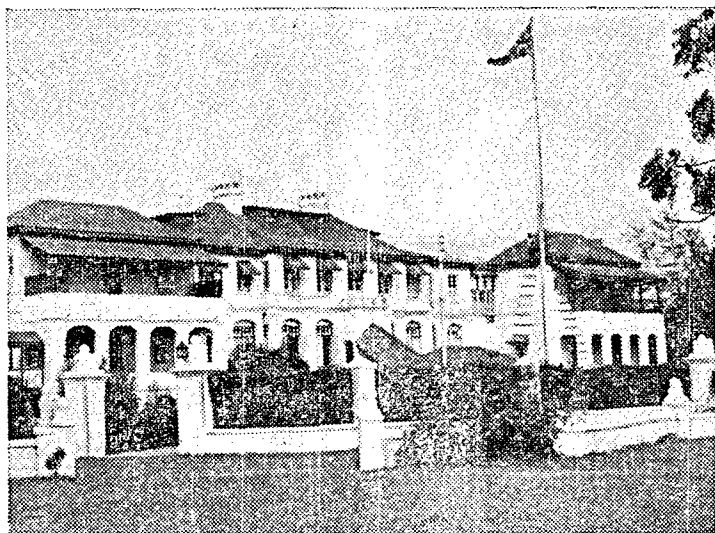
Fierce competition

This did not make Gambia a British possession, however. Trading adventurers from several European countries swarmed along the coasts and up the great rivers of West Africa in those days, and competition with the French was particularly fierce.

But Britain hung on to the territory and gradually spread her rule over it until, under the Treaty of Versailles in 1783, France abandoned her right of trade to the British Government.

In 1816 English merchants trading with Senegal founded a new settlement at the mouth of the Gambia River on what is now called St. Mary's island. This settlement, named Bathurst after the Colonial Secretary of the day, is now the capital of Gambia.

Treaties were concluded between



Government House at Bathurst, capital of Gambia

Britain and inland chiefs during the next 40 years. Meanwhile, from 1821 to 1843 and again between 1866 and 1888, Gambia was ruled jointly with Sierra Leone.

Since 1888 it has been a separate colony with its own British Governor and Executive Legislative Councils composed of British officials and local people appointed by the Governor. Under a constitution of 1947 some of the local members were elected by popular vote for the first time.

A new constitution came into force in September 1954, giving the Gambians a majority in the Executive and Legislative Councils. Now Gambia wants to advance beyond this stage and

have its own Prime Minister.

A delegation which came to London in July agreed to increase the Legislative Council—equivalent to our House of Commons—from 23 to 38 members, but decided not to have a second chamber or House of Chiefs, equivalent to our House of Lords.

Instead, four of the M.P.s will be specially selected chiefs. The Gambians have strong tribal loyalties—the main tribal groups are the Mandrango, Fula, Wolof, Jola, and Serahuli—and hold their chiefs in veneration. The chiefs administer districts of the inland protectorate.

"Strange farmers"

With British help, this little land has so far managed to pay its way in the world; and it has done so largely by growing groundnuts, which are crushed into edible oils and cattle cake.

Every year thousands of "strange farmers," as they are called locally, cross the borders from Senegal, plant groundnuts in Gambia, sell their crops to swell the Gambians' own output, and then go back to their homes until the next season.

Some years ago Britain tried to make Gambia less dependent on its one main crop by experimenting in large-scale poultry farming. But because of climatic conditions few hens were reared and the scheme was a costly failure, working out at about £21 per egg.

Some people think Gambia is too small to stand alone. That accounts for the suggestion that when it becomes independent—perhaps in 1962 or 1963—it should unite with neighbouring Senegal.

NEWS FROM EVERYWHERE

Transatlantic television relayed from satellites is to be tried out next year.

Harrogate will be a town of magic next week. About 700 members of the International Brotherhood of Magicians will be holding their annual meeting there in the Royal Hall, and performing some of their latest tricks.

BIG POTATO

A potato weighing 2 lb. 9½ oz. has been dug up at the Old People's Home at Epsom, Surrey.

Two schoolboy members of the Army Cadet section at Monkton Combe School, near Bath, cycled 650 miles across France and Spain to Gibraltar in an initiative exercise. They got back to England in a troopship.

A pigeon found lying exhausted in a street in Southend was picked up by a Mr. Pigeon!

Dr. Frederick Coggan is to be enthroned as Archbishop of York next Wednesday, 13th September. The ceremony will be conducted in York Minster by the Very Rev. Eric Milner-White, Dean of York.

TYNE TUNNEL

Work is to begin soon on a road tunnel under the Tyne, between Howdon and Jarrow. It will probably take five years to complete.

The new edition of the London County Council guide to evening classes (*Floodlight*, 6d.) lists 550 subjects to be studied during the coming Winter.

A hundred American exchange teachers arrived at Southampton recently to begin a year's work at schools in Britain.

A six-year-old boy rings the church bell every Sunday evening at Shingham, Norfolk.

THEY SAY . . .

CHILDREN enjoy seeing cowboys shooting each other in Westerns because they simply don't believe it.

Lord Boothby

The first ocean-going Viking sailing ships ever discovered intact have been explored by Danish skin-divers near Copenhagen. The vessels had been filled with stones and sunk in a fjord to prevent enemies reaching a Viking settlement.

At the present rate of growth, Britain will have 17 million vehicles by 1970 compared with 9 million at present, states the Road Research Board.

KEEPING A COOL HEAD



Sally, a spotted seal at London Zoo, finds the inlet water pipe over her pool very refreshing on a hot day.

From next Monday any vehicle on British roads may be stopped for examination by Ministry of Transport officials.

Miss Jacqueline Cochran of the United States recently set up a new women's world air speed record by reaching 842.6 miles an hour. This was more than 100 m.p.h. faster than the previous record, set up in 1955.



OUR HOMELAND

Pony trekkers in the Lorna Doone Valley of Exmoor



Smile please!

Studies like this are achieved quickly and easily by young and old with "Plasticine", the world famous modelling material. Available in 17 colours.

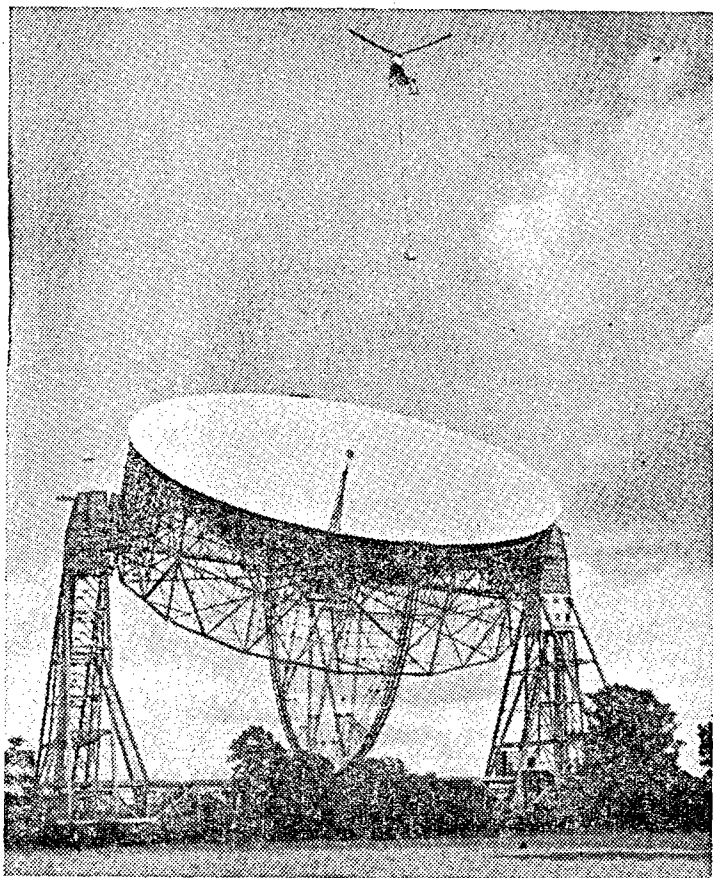
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Little air-lift from a big bowl



A helicopter lifting a 10-kilowatt transmitter from the bowl of the Jodrell Bank radio telescope. It did the job smoothly and quickly, thus saving the big job of dismantling the bowl. The transmitter had been loaned from America for tracking U.S. satellites.

SPITFIRES ON VIEW

Next week is Battle of Britain Week, celebrating the great victory of "The Few" over the German Luftwaffe in 1940, and one great feature will be an aircraft display at the Air Ministry in Whitehall.

A Hurricane and two Spitfires will be there, representing the great wartime fighters, alongside a modern Hunter and Javelin. Aero engines will also be on view, including the original jet designed by Sir Frank Whittle.

Pilots' seats of 1940 and 1961 will be contrasted in the Whitehall show. Dummy figures in a Spitfire and on the ejector seat of a modern fighter will show the developments in flying clothing and equipment which have had to keep pace with the vast increase in speeds and heights of the past 21 years.

Another feature of Battle of Britain Week will be At Home Day, 16th September, when many R.A.F. stations will be open to the public.

Four languages for sightseers

A New York coach firm has started a special four-language tour for foreign visitors.

Each seat in the coach has its own head-phones and the passenger can plug in to a tape-recorded commentary in French, German, Spanish or Japanese. A hostess works the tape recorder, switching on as the vehicle reaches each special landmark on the tour.

The commentary, in each case, has been recorded in a lively and colloquial style and the tours have become very popular.

Painted icebergs

Three massive Antarctic icebergs are now majestically sailing the Davis Sea bedaubed with great splashes of brightly-coloured dye. And keeping them company, like tugs round a liner, is a motley collection of empty oil barrels, also brightly painted.

The reason for all this colour is that it will make it easier for the icebergs to be kept under continuous observation. Russian scientists will be keeping a day-to-day watch on their movements, hoping to unravel many more secrets of weather-making, and of navigation in Antarctic waters.

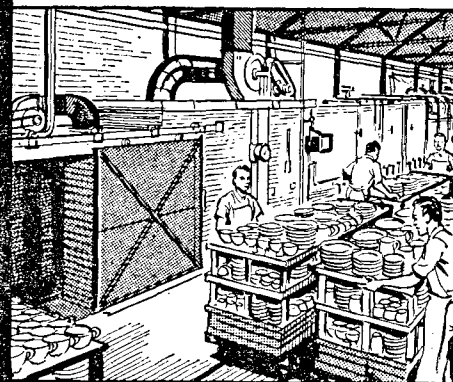
HE WROTE THE FIRST OPERA

Four hundred years ago, on 20th August, 1561, Jacopo Peri was born in Rome, and with him a new musical form—opera—came into being. According to music historians, the first opera ever produced was a musical drama entitled *Dafne* which was performed privately in 1597 at the Corsi Palace, Florence. It was composed by Peri.

There are no surviving copies of *Dafne*, but the score of Peri's other opera, *Eurydice*, still exists. It was produced in 1600 at the Pitti Palace on the occasion of the marriage of Marie de' Medici and Henry IV of France. It was a great success, and from it opera, as we know it today, gradually developed.

Just One Therm

Mr. Therm tells you some of the wonderful things a therm of gas does at home and in industry.



Enormous quantities of gas are used in the potteries industry. The cups and saucers, jugs and vases, and so on that are made have to be fired, or baked, in an oven so that the clay they are made from becomes hard. Gas ovens are ideal for this purpose. In the glass industry, too, gas provides an ideal form of heating for the various processes, like moulding, and annealing or softening. Here are some of the things one therm of gas can do. It is enough to dry the glazing on 900 cups, to fire 13 decorated cups and saucers, to mould and soften 70 pairs of spectacle lenses, or to melt enough raw materials to cover 100 saucepans with enamel.

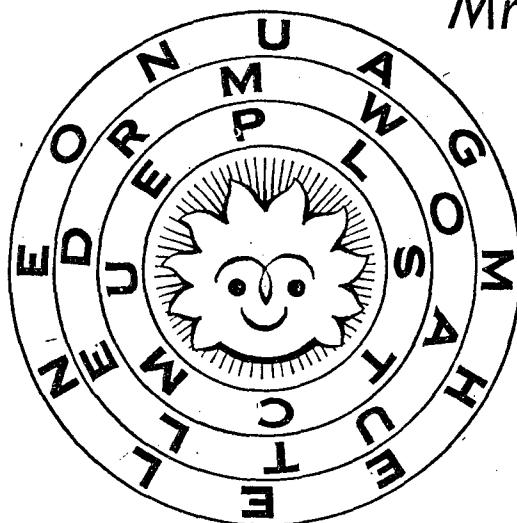


Most homes in this country, and in America, too, use gas for cooking. About half the gas used in Great Britain is used for cooking, and in more than 11-million homes the meals are cooked by gas. There are several boiling burners on the top of Mummy's gas cooker, and at the turn of a tap she can have just the amount of heat she wants, whether she wants to simmer something slowly in a saucepan, or to boil the kettle quickly to make a cup of tea. If she wanted to, she could boil enough water to make 1,000 cups of tea with just one therm of gas. Can you work out how long it would take you to drink that amount of tea?

(Issued by the Gas Council.)

GRAND NEW COMPETITION!

Mr. Therm's Whirligig



HOW TO ENTER: If you start in the right places and take every alternate letter, you'll find each circle contains the names of two things mentioned in the above story.

List the six answers neatly on a postcard, add your full name, age, and address, ask a parent or guardian to sign it as your own unaided work, then post it to:

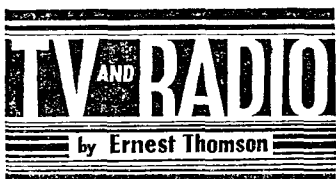
Mr. Therm's Whirligig No. 2, Children's Newspaper, 3 Pilgrim Street, London, E.C.4 (Comp.).

Mr. Therm will award £2 2s. Book Tokens for the three nearest correct entries (with writing according to age taken into consideration) received by Friday, 15th September, and his decision is final.

"TELL ME, MR. THERM" WINNERS!

The winners of our Tell Me, Mr. Therm Competition No. 5 are Arthur Tuppen of Beccles, Nicholas Parsons of Charlwood, and Barbara Wigelsworth of Folkestone.

GAS—IT'S QUICK AND EASY



HARRY SECOMBE IS SERIOUS FOR ONCE

HARRY SECOMBE is a man of many parts—one minute a Goonish clown, then revealing himself in the next as a fine tenor. On Sunday he appears in a serious frame of mind in *Sunday Special* on BBC television.

He will talk about his views on



religion and what he feels it can mean to the modern world. Cardiff-born Harry Secombe was a choirboy at the age of six and has always been interested in church music.

The Suttons will be Home Tonight every night

Who are the Suttons? Everybody who watches ITV will know lots about them by the end of next week. On Monday this seaside family come to the screen in *Home Tonight*, the first nightly serial on television. You could almost call them the *Archers* of TV. They are on at the same time, from 6.45 to 7 p.m., from Monday to Friday on Associated-Rediffusion.

The central figure is George Sutton, a widower who runs a garage and marine repair shop in a coastal town. With him in the day-to-day adventures are his children—William, Emma, Peter, Paul, and Dorothy. Their ages range from 28 down to 16.

I met the whole family afloat in a Press party sailing on a Thames diesel boat from Charing Cross to Putney. Andrew Laurence, who plays George Sutton, is tall, with a friendly twinkle in his eyes. Like the rest of the cast, he is an experienced repertory actor, accustomed to learning his lines very quickly. "I don't think we could possibly manage a daily serial otherwise," said Hilda Campbell Russell, who plays Mrs. Spindle, the daily help.

I had a long chat with the



Meet the Suttons—David Hemmings as Paul, Patricia Regan as Emma, John Downing as William, Andrew Laurence as George, Simon Prebble as Peter, and Patricia Brake as Dot.

"baby" of the party—fair-haired Patricia Brake, who plays the 16-year-old schoolgirl, Dot Sutton. Pat, who bounces with energy and fun—just like Dot in the story—told me how lucky she was to "walk into" this wonderful part, her first on TV. She has recently been acting at the Salisbury Playhouse. The other day she dropped in at her agent's in London "just on the off chance of a TV part." She had chosen just the right moment, sailing through the audition and winning a TV rôle which could make her, like the rest of the cast, a household name.

One of the key parts falls to fair-haired, dark-eyed Patricia

Regan. She plays Emma, the elder daughter, who has to "run" the family. "Trish," as she is called, told me her only TV appearance so far has been in *No Hiding Place*. She has had lots of "rep" experience, though, at Manchester and Nottingham.

The Sutton sons—John Downing (William), Simon Prebble (Peter), and David Hemmings (Paul)—have also been through the mill in repertory. Eric Phillips, who is seen as Uncle Henry, was a mainstay of the BBC's *P.C.49* with Brian Reece.

Jimmy Hanley, the script-writer-in-chief, was a familiar figure in children's TV until he took over *Jim's Inn*. "I've already written scripts for five weeks of *Home Tonight*," he told me. "Phew! Luckily, I'll have a team of assistants when the show gets going!"

SNAG IN THE LINE

THE best-laid plans have snags.

The BBC say they are finding this in the case of the new radio telephone circuit across St. George's Channel, which enables "live" TV items from Northern Ireland to be transmitted direct to the national network.

The radio link is intended by the Post Office as a standby for when the normal telephone service breaks down. But when that happens, the link automatically switches over to telephone use, leaving TV high and dry without notice!

Proof of the Loch Ness Monster

THE Loch Ness Monster rears his head in BBC Junior TV's *Summerhouse* this Wednesday. Tim Dinsdale, an Englishman who has spent a lot of time cruising and filming on the Loch, will be in the studio to tell why he expects to have certain proof of the Monster's existence within the next two years.

Having a Go for 15 years

WITH the 16th year of *Have a Go!* beginning in the Light next Tuesday, Wilfred Pickles has been doing sums. He has worked out that if he accepted every invitation he has received for *Have a Go!* visits, he would need to live to the ripe old age of 1,500.

Since the programme began as a small North Region series in 1946 at Bingley, Yorkshire, Wilfred has interviewed 2,706 people. He and Mabel (who joined up in 1953) still ask quiz and jackpot questions, and the prize money has now reached nearly £7,000. But the backbone of the series are the interviews. *Have a Go!* lets listeners everywhere hear how other people live—about their ambitions, achievements, disappointments, and hopes. Wilfred tries, too, to bring in folk lore, local superstitions, and mention of old crafts and ancient customs.

Have a Go! has visited every country and part of the United Kingdom, not forgetting the Shetlands, Orkneys, Outer and Inner Hebrides, Channel Islands, and the Scillies. There have also been journeys to Eire, Malta, and the British Rhine Army.

Tuesday's programme comes from Castletown, Isle of Man.

RETURN TO DANGER

Danger is My Business, one of TV's most exciting real-life documentaries, is being repeated in BBC Junior TV, beginning next Monday. It deals with hazardous jobs of all kinds, on mountain tops and the bed of the sea.

The first programme, *Tokyo Steel Man*, shows how spider-man Kyudo helps to build the Tokyo TV mast, the third highest man-made structure in the world. The climax is a genuine accident. A cable car drops out of control with two workers aboard. The entire sequence is faithfully recorded by a cameraman who happened to be on the spot.

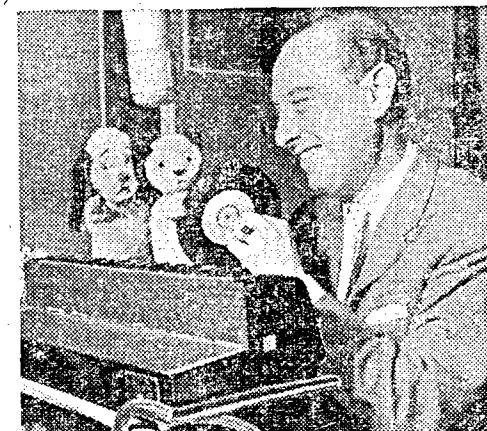
SOOTY—HEARD BUT NOT SEEN

SOOTY is coming to radio. I hear that Harry Corbett put up the suggestion to David Davis, head of BBC children's radio programmes and the result is to be two "try-out" shows in October.

"Although Sooty doesn't talk out loud," says Harry, "I never have any difficulty in translating his whispers. And if I can do that on TV, why not on sound radio, too?"

Sooty will certainly have one way of making himself heard—by playing the organ. He and Harry Corbett have recently been having quite a lot of practice in putting over their act without vision. They have been making gramophone records.

Their producer on sound radio, by the way, will be Trevor Hill, who also handles Sooty on TV, so our little glove puppet friend will not be among strangers.



Sweep, Sooty, and Harry Corbett put it on record.



LITTLE
MISS
UNAFRAID

This little girl is showing an Auca Indian how a pen is used. He is a member of a primitive tribe who live in the Amazon jungle. His people had earlier killed 5 missionaries—among them this little girl's father. Don't miss this fascinating series of picture pages in *SUNDAY COMPANION* showing her living with her mother amongst the Auca Indians.

ASK YOUR NEWSAGENT TO RESERVE THIS WEEK'S

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THE CHRISTIAN WEEKLY

The Children's Newspaper, 9th September, 1961

YOUNG ARTISTS PUT UP A GREAT SHOW



Showers, by Christine Hall (13) of Birmingham

The judges of the 1961 Sunday Pictorial Exhibition of Children's Art decided that two of the competitors merited the first prize—a £300 art training grant—and they solved the problem by awarding *two* first prizes. Examples of the work of the two winners are shown here alongside a few of the other entries.

There were 37,269 entries altogether, and 372 of the paintings and 200 sculptures are now on show in London—at the Royal Institute Galleries, 195 Piccadilly. Admission: children 6d. adults 1s.

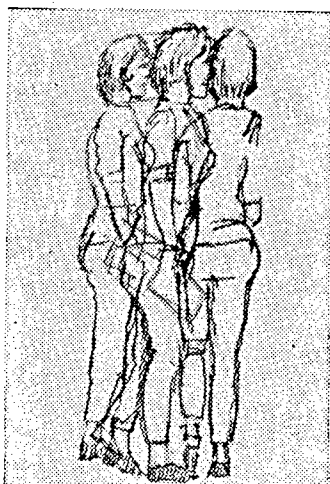
Open until the end of the month, the exhibition will later visit Southampton, Liverpool, Newcastle, Aberdeen, and Leeds.



Resting, by Elizabeth Hill (14) of St. George's Road School, Glasgow



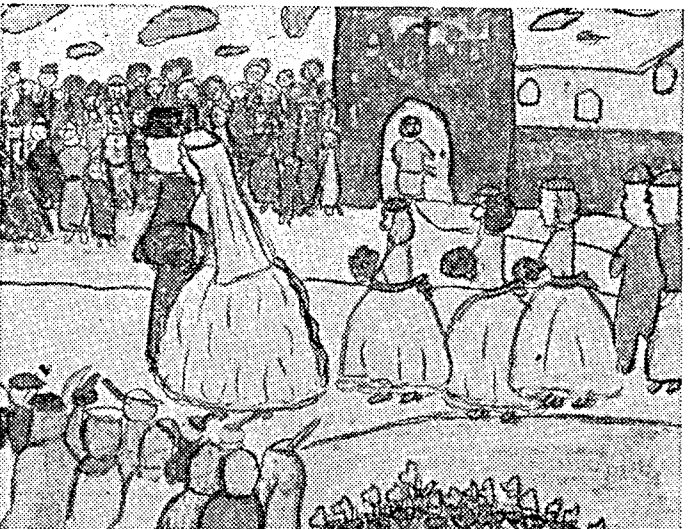
Playing at Playtime, by Lynn Hemmingsley (6) of Bilston, Staffs.



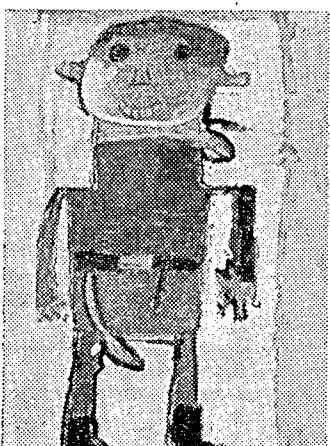
Movement, by David Pickersgill (16) of Gloucester



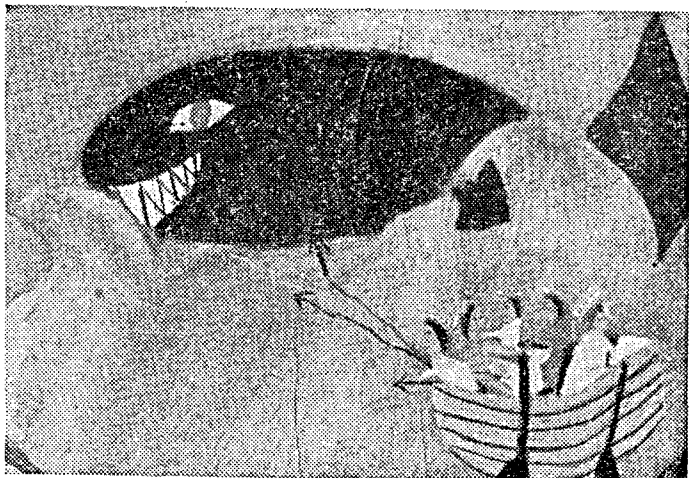
Muscle Beach, by John Creasor (16) of Middlesbrough, one of the First Prize winners



A Wedding, by Brenda Slee (10) of Maidenhall County Primary Junior Mixed School, Luton



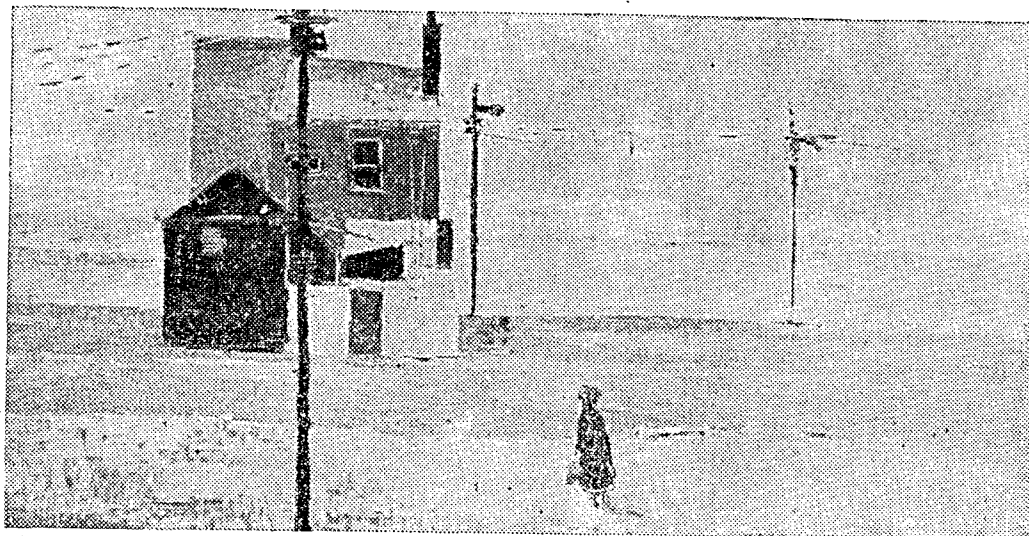
A Pirate, by Anthony Rumble (6) of Pickhurst Primary Infants School, Kent



Whale Fishing, by Anne Purdy (10) of Linden Junior School, Leicester



A Queen, by Judith Burrow (7) of St. Runwalds School, Colchester



Transport Café, Moss Side, by Peter Riley (16) of Oldham, one of the First Prize winners



Portrait of a Boy, by Peter Sylveire (15) of Christopher Wren School, London

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RED GIANTS AND YELLOW DWARFS

Why the stars are not all white

WHEN you look up at the starlit sky, it seems at first as though all the stars are white. Of course, some are much brighter than others, and stars which are low down twinkle more violently than those which are higher up; but there seems to be no *obvious* difference in colour.

Look more closely, however, and you will see that this is by no means the whole story. There are some stars which are decidedly reddish or orange, such as Arcturus, the leader of the constellation Boötes (the Herdsman). Others, notably Vega in Lyra (the Harp) are bluish. And there are stars which are yellowish, such as Capella in Auriga (the Chari-

teer) and Deneb in Cygnus (the Swan).

LOOKING AT THE SKY WITH PATRICK MOORE

Look for the brilliant triangle of stars formed by Vega, Deneb, and Altair in Aquila (the Eagle). Of the three, Altair is the only one which may be said to be almost pure white.

To see the colours properly, you need some optical aid. A small telescope will do; so will binoculars or field-glasses. At once you will notice that fainter stars also have their own hues. Kocab in Ursa Minor (the Little Bear), not very far from the pole star, has an orange tint which is excellently seen in field-glasses.

These differences are due to real differences in surface temperature. We know that "white heat" is much greater than "red heat," and so white or bluish stars, such as Vega and Altair, are hotter than yellow ones such as Deneb.

This does not necessarily mean that they are more luminous, for the stars differ in size as well as in temperature. Again we have an excellent example to hand.

Deneb is a real celestial searchlight, at least 10,000 times as brilliant as the Sun, whereas the bluish Vega has only 50 times the Sun's luminosity. But in our skies Vega appears much more prominent than Deneb simply because it is much closer to us.

Astronomers can make use of these differences in their studies of the life-stories of the stars. Telescopes could give us only incomplete information if used on their own, so they are used together with more complicated instruments known as spectroscopes, which split up the stars' light and tell us what elements are present there.

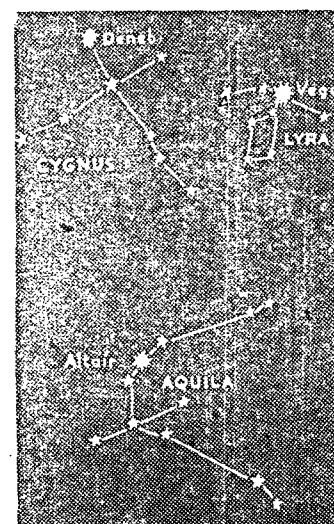
Theory about the colour

One important discovery, made half a century ago, was that the red stars can be divided into two distinct groups: the giants, which are of immense size and so are very luminous, and the dwarfs, which are relatively small and are considerably less brilliant than the Sun. There are virtually no "intermediate" red stars. The same thing applies, to a rather lesser extent, to the orange stars. There are also yellow giants and yellow dwarfs. Our own Sun is reckoned as a dwarf, whereas yellow stars such as Deneb and Capella are giants.

The English astronomer Sir Norman Lockyer (1836-1920) suggested that this state of affairs depended on the age of the star concerned. On his theory, a star began its career by condensing out of interstellar material, and developed into a large, cool Red Giant. As it shrank under the

influence of gravitation it became hotter, and became first orange, then yellow, and then white. After this it cooled, and continued shrinking, so that it passed through the colours in the reverse order—yellow, orange and red, finally ending up as a dark globe.

The idea seemed reasonable enough, but since then we have learned much more about the way in which the stars radiate, and we now know that his suggested life-history is wrong. As it grows older, the Sun is slowly becoming more luminous. In ten thousand million years' time it will be so luminous that no life on Earth will be possible. It may swell out to become a Red Giant, but then



The constellations and chief stars of Cygnus, Lyra, and Aquila

it will collapse into a very small, dense star giving out only a feeble amount of radiation.

Of course, we may still be wrong; all we can do is to sum up the evidence available, and put the most reasonable interpretation upon it. We may, for instance, be wildly in error with the figure of ten thousand million years, and we cannot even be sure that the Sun will ever turn into a Red Giant. It seems fairly certain, however, that instead of being young stars, as Lockyer thought, the Red Giants are well advanced in their careers.

It is hardly necessary to add that no change in the light and heat output of the Sun is noticeable over a lifetime, or even over a thousand years. In astronomy, almost everything happens very slowly. It is true that some stars undergo tremendous outbursts, and become intensely luminous for a short while, but there is no reason at all to suppose that the Sun will become one of these "novae" during the next few million years.

It is clear that, though we have learned much, we still have much to learn. Meanwhile, it is interesting to go out and look for the colours of other suns. There is infinite variety among them.

Mobile smithy



Mr. Joseph Marshall of Sheldon, Warwickshire, is an enterprising blacksmith. He takes his anvil, bellows, and hammers to his customers on a motor-cycle combination.

The Childrens' Newspaper, 9th September, 1961

WINGS FOR THE WORLD AT FARNBOROUGH

WINGS for airlines, wings for defence, wings for "flying doctors," wings for the weekend flyer; straight wings, rotary wings, triangular wings, and dart-shaped wings—wings for the whole world in fact; and this week, at Farnborough, Hampshire, members of the Society of British Aircraft Constructors are once more demonstrating that they can supply them all.

More than that, the 397 stands in the huge canvas exhibition building—the biggest ever erected for an air display—show that the manufacturers of aircraft accessories can supply everything from metal adhesives to 18,000 horse-power jet engines and radio navigation aids which show an aircrew their position at a glance.

This year the show is notable on two counts. Firstly, the flying programme on Thursday will be the 100th to be staged by the Society since the first at Hendon in 1932; secondly, the Army will be flying its own aircraft for the first time.

In fact, all three Services are taking part. Among the items are an air-to-air refuelling demonstration by the Royal Navy, parachute dropping by the Army's Special Air Service Regiment and the Royal Air Force, and a large-scale tactical exercise involving trans-

port aircraft, troops, and supporting fighter aircraft.

The most remarkable machines present are the Handley-Page 115 and the Hawker P.1127 vertical take-off prototype. Paper-dart shaped wings like those of the HP 115 are expected to enable the 2,000 m.p.h. airliners of tomorrow to slip through the sound barrier with the least disturbance. But the problem is to make planes like this fly safely at the low speeds necessary for take-off and landing. The HP 115 will help scientists to study this problem.

The Hawker P.1127 is the world's first vertical take-off jet aircraft designed for actual service. A special Pegasus jet-engine provides thrust through four movable nozzles. By pointing the nozzles downward, the aircraft is thrust vertically into the air; by pointing them to the rear the aircraft is propelled forward like any conventional machine.

Airliners on view

Airliners on view this year include the Avro 748 airliner/freighter, the 4-jet Comet 4C, the big twin-boom Argosy, and the Vickers Vanguard.

The Avro 748, powered by two Dart turboprops, cruises at 265 m.p.h. and has the lowest operating costs ever achieved in a modern transport aircraft—a penny a passenger-mile.

The Comet 4C, a 101-seater, is now in service with Middle East Airlines, and by offering jet speed with low fares is revolutionising air travel in the Eastern Mediterranean. The twin-boom Argosy, with its spacious "pod" fuselage, is built for very cheap cargo services.

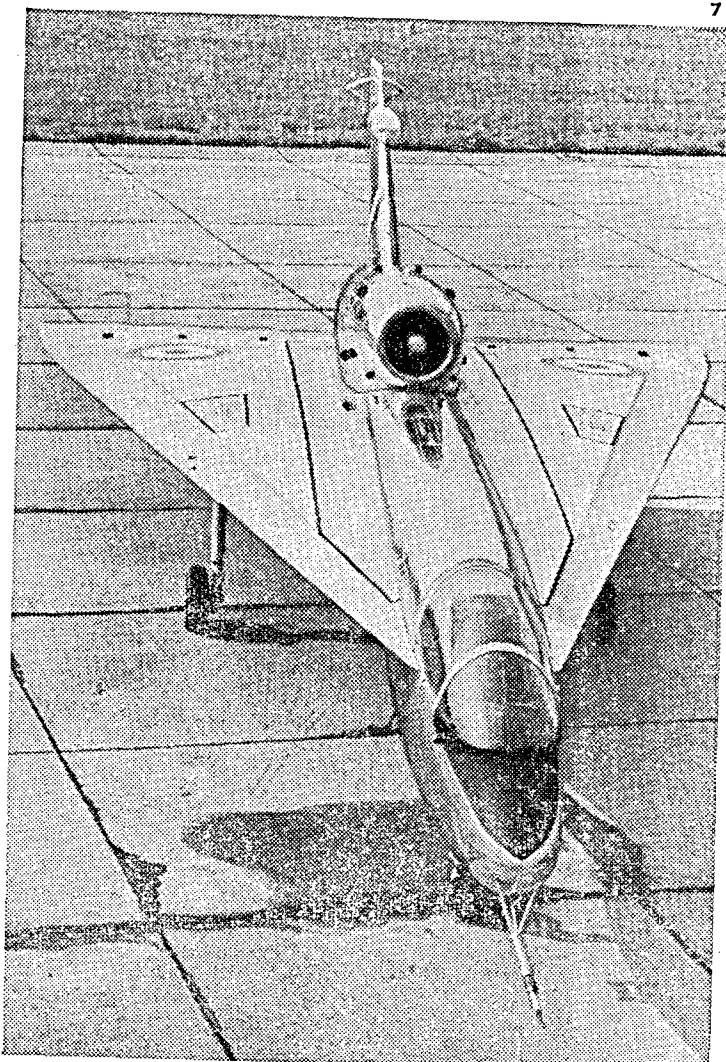
Helicopters, from the tiny Scout, now on order for the British Army, to the giant Rotodyne, will be there in force.

For the first time in many years, Britain is able to offer an up-to-date range of light aircraft. Two which will be on show are the first of the new Beagle series: the single-engine, four-seat Airedale, and the twin engine, five-seater Beagle 206. One version of the B.206 is planned as a "flying doctor" aeroplane, carrying two stretchers.

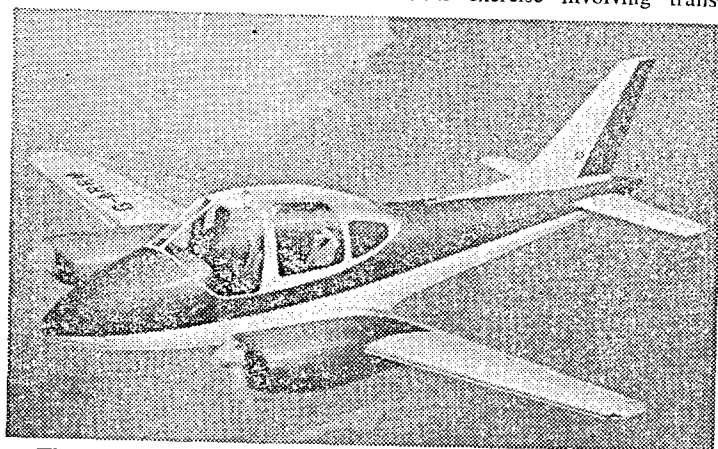
Hovercraft on show

For the first time also, two complete stands will be devoted to air cushion vehicles. On one stand will be a model of the SR-N2, a 66-passenger craft due to take the water off the Isle of Wight early next year.

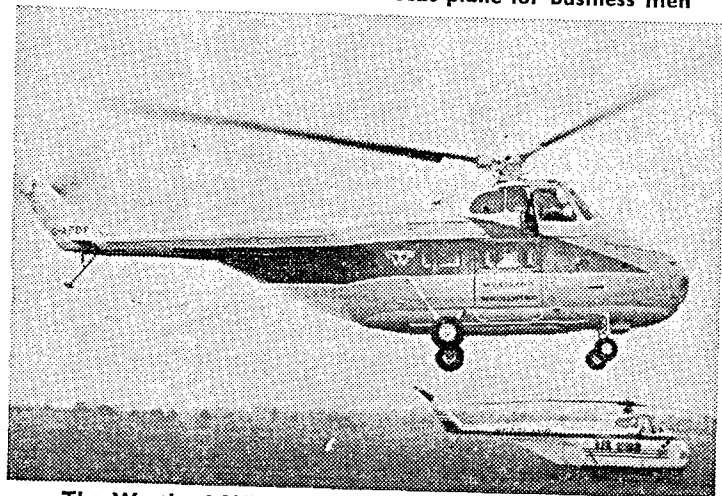
The first days of the air show have been reserved for the Society's guests from overseas—the heads of airlines, business men, and representatives of armed services. But as in previous years, the general public can see for themselves the skill and imagination of this great industry on the final three days—Friday, Saturday, and Sunday.



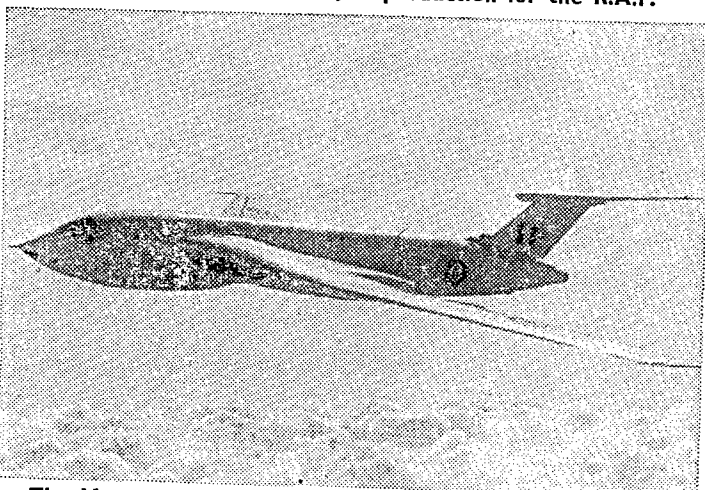
The shape of wings to come—the Handley-Page 115 research plane



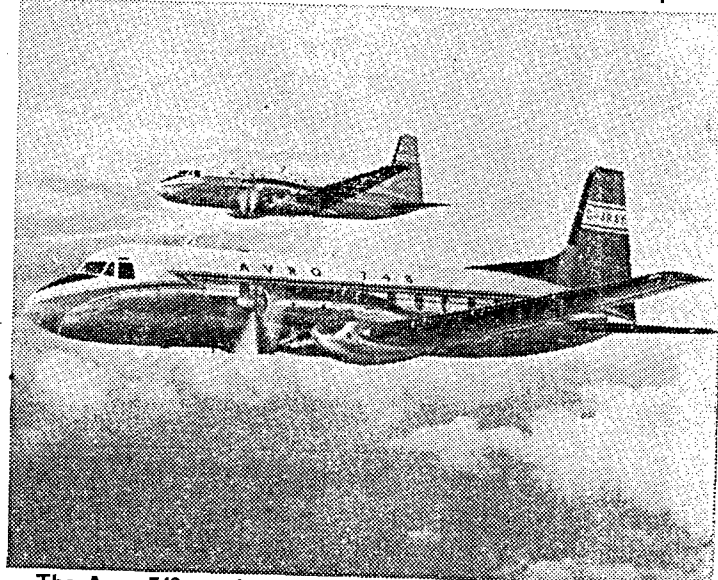
The Beagle 206, a luxurious five-seat plane for business men



The Westland Whirlwind, in production for the R.A.F.



The Handley-Page Victor will appear in the R.A.F. display



The Avro 748 can be operated for a penny a passenger-mile



The Armstrong Whitworth Argosy and the cars it can carry

LOCUSTS STILL PLAGUE THE WORLD

LOCUSTS were among the plagues of Egypt when the Israelites were in bondage. It is recorded in *Exodus* that "they covered the face of the whole earth, so that the land was darkened; and they did eat every herb of the land, and all the fruit of the trees which the hail had left; and there remained not any green thing in the trees, or in the herbs of the field, through all the land of Egypt.

They have remained one of the plagues of the world to this day, and are believed to do at least £30,000,000 worth of damage to crops in various parts of the world every year, and perhaps a good deal more. One recent plague lasted for 14 years, and at one time or another devastated the whole of tropical Africa, except for the forests of the Congo. This plague started near Timbuctoo, and in the end reached as far as the Union of South Africa.

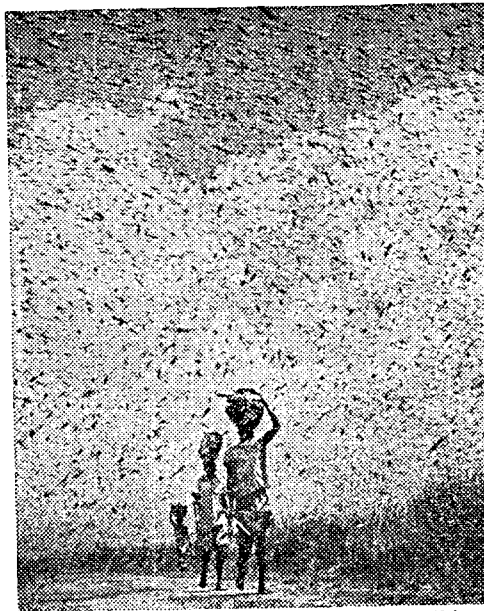
Locust swarms can reach immense proportions. One which covered eight square miles in Kenya, in 1955, and was not even regarded as particularly big, was estimated to contain an average of 70 locusts per square yard. This means that there were some-

vegetation in any district unlucky enough to receive a visit from them. Moreover, nowhere within a thousand miles or so of a locust swarm is safe; they can move this distance in two or three months.

Only by international action can the menace be combated, and the United Nations has brought 22 countries, mainly in Africa and the Middle East, together in a special Desert Locust Project to try and beat the pest. There is also an Anti-Locust Research Centre in London.

Scientists have learned a great deal about locusts during the past 30 years or so. To start with, it is now known that locusts look and behave quite differently according to whether they are swarming or not. In the solitary phase, when they are living a more or less isolated existence, they are just like large grasshoppers. But when they become crowded together, they change colour, and fly together in the dreaded swarms of the gregarious phase.

It is now possible to tell, by studying solitary locusts in the



A dreaded invasion of locusts—a striking picture from Kenya

field, whether they are starting to change into gregarious ones, and this of course is a great help in deciding when to take preventive action.

There are now known to be three different kinds of locust which swarm: the desert locust of the Sahara, East and West Africa, and the Middle East; the African migratory locust, from the southern edges of the Sahara southwards; and the red locust in the southern half of Africa. The last two of these locusts produce their swarms in certain localised parts of Africa, where they can be spotted and dealt with in the hopper stage (hoppers are the young locusts that cannot fly, and so can more easily be destroyed). The desert locust, however, is liable to swarm over a wide area, and its control is still a problem.

However, modern science is gradually getting on top of even this tough customer, and with the development of aerial spraying techniques it seems likely that the days of the locust are numbered.

RICHARD FITTER



Portrait of a pest

thing like 1,500 million locusts in the whole swarm!

Since a swarm of this size may weigh about 3,000 tons and eat its own weight of food every day, it is easy to see how locusts can devastate the crops and other

ON RECORD New discs to note

LOS PARAGUAYOS: *Fiesta Paraguaya* on Philips BBL7477. A colourful picture of a Paraguayan street market provides the cover illustration for this enchanting programme of music by this well-known South American group of instrumentalists and singers. Their mastery of the Paraguayan harp is always a pleasure to hear. (LP. 35s. 9½d.)

GORDON HEATH: *The Ballad Of The Boll Weevil* on Argo EAF19. Gordon Heath and his partner Lee Payant are usually to be found at the Paris café known as *L'Abbaye*, where they sing the folk songs of France, America, and Britain to an audience of many nations. This extended play contains a typical selection, including the beautiful lament *This Morning This Evening*, and the work songs *Pick A Bale Of Cotton* and *Bring A Little Water Silvy*. (EP. 14s.)

JOHNNIE RAY: *I'll Bring Along My Banjo* on United Artists



HMV POP 902. This is quite a change of mood for Johnnie Ray. There is not a sign of a tear as he sings about a happy party at the seaside with banjoes playing and everyone joining in the choruses. (45. 6s. 4d.)

THE STREAMLINERS: *Frankfurter Sandwiches* on Columbia DB4689. Another parody of the Twenties, this time featuring a singer called Joanne, who tells us about the lass who only asks for frankfurter sandwiches instead of the customary bouquet of flowers. (45. 6s.)

ALEX WELSH: *Memphis March* on Columbia DB4686. Alex



Welsh and his band play this traditional jazz tune in the film *No, My Darling Daughter*. It is a bright number played with plenty of cheerful bounce and

will appeal to everyone who enjoys that special kind of music which first appeared in New Orleans at the turn of the century. (45. 6s.)

FRANCES FAYE: *Frenesi* on HMV POP898. Miss Faye has just been making a most successful visit to this country. She is deservedly a popular artist in America and is growing just as popular here. On this record we hear her special blend of jazz and "popular"—a mixture which works out very well in her case. (45. 6s. 4d.)

FRANCIS BAY and his Orchestra: *That Latin Bay-Beat* on Philips BBL7483. Francis Bay began playing the clarinet with local orchestras at the age of seven. Since then he has become one of Belgium's best known musicians. He demonstrates his skill as an arranger in this selection of South American melodies which include *The Peanut Vendor* and *Para Vigo Me Voy*. (LP. 35s. 9½d.)

STEVE RACE: *Stop-Look-Listen* on Parlophone R4808. Steve Race has become a popular visitor to Children's Television and his group are top favourites. On this recording they play the theme music for the television series *Stop-Look-Listen*, and when they play with such enthusiasm everyone is bound to listen. (45. 6s.)

KIT CARSON—PIONEER HERO OF AMERICA'S WILD WEST (12)

General Castro hesitated to attack Frémont's sharpshooters, who rode farther into California.

Later a message asking for news of the war there with Mexico came from the President of the United

States. Frémont sent Kit with a report to Washington—3,000 miles away.

ON THE WAY KIT MET GENERAL KEARNEY AND A FORCE OF AMERICANS.

You must join me as guide, Mr. Carson. Someone else can take the message to the President!



AGAINST KIT'S ADVICE, THE AMERICANS ENTERED A VILLAGE AND WERE AMBUSHED BY THE MEXICANS.



THE AMERICANS RETREATED TO A CLUMP OF ROCKS, WHERE THEY WERE SURROUNDED.

We must send for our troops at San Diego! But who could slip past the Mexicans?



KIT SET OUT AT NIGHT WITH AN OFFICER AND AN INDIAN BOY.



CAN KIT SLIP THROUGH THE MEXICAN LINES? SEE NEXT WEEK'S INSTALMENT

The Children's Newspaper, 9th September, 1961

Rashid Hasan's father, who is a servant to Mr. Khan, is accused by his employer of stealing. Rashid is convinced of his father's innocence and with his friend Abdul is determined to prove it. That night the two boys follow Mr. Khan to the bazaar district but lose him. Later that night Mahmoud the jeweller drives Mr. Khan home—and Rashid wonders whether they are up to something.

4. A boat trip

RASHID sat in the courtyard, playing a little tune on his flute to cheer himself up. The morning seemed endless. If only Abdul would come back from school they could talk about what he had seen the previous evening.

At last he saw Abdul come through the gate and he sprang up. To his surprise, his friend gave him a quick nod and hurried past, disappearing quickly into the servants' quarters at the back of the house next door.

Rashid stood gazing after him

was a frequent visitor to his house was said to be very high up in some Government department.

"Come, Rashid," his mother called from the balcony outside their room. "The meal is ready. Come and eat."

Rashid's spirits had dropped again, remembering the long lonely hours that stretched ahead without Abdul for company. He went up the stairs to their room and sat down at the table; but he was not hungry, and before he had half finished his curry, he put down his spoon.

"Aren't you going to eat any

course you must be happy when you can."

"Play with me," she begged, seizing this chance to have him to herself, but he got up and strolled to the gate.

"No, I'm going for a walk."

"I'll come with you then."

She was beside him in an instant, but in his present mood he did not want her chatter.

"You can't walk so quickly. And—and besides, I thought I might go to some of the hotels and see if I can earn a few annas minding the cars."

She pouted. "Well, I could do that, too."

Signal from Abdul

He could not think of any more excuses, and she was still trotting beside him as they went up the road. They lingered by the market, wandering up and down between the stalls that spilled over with greenstuff, or were piled high with golden oranges and pale-skinned grapefruit.

Suddenly Rashid caught sight of Abdul signalling to him from behind a stall at the far end. He was making grimaces, pointing to Shireen, and shaking his head. Rashid understood that he was to get rid of her. But how? He fingered a two-anna piece in his pocket. It was all the money he had in the world. But Abdul was ready to be friendly again, and it was worth it.

"Here," he said, thrusting the coin into his sister's hand. "Go and buy yourself some sweets."

Her small face beamed with delight. "Oh, Rashid, thank you! Wait there. I'll be back."

He began to run almost before she had turned. Abdul was grinning at him from behind a pile of boxes, and caught his hand, saying breathlessly:

"I'll tell you about it when we've dodged Shireen."

They fled across the roadway and swung round the next corner without looking back. But they did not feel safe until they had put several alleys between themselves and the market . . . and Shireen.

Surprise invitation

"She won't find us now," Rashid gasped, leaning against a wall to get his breath. Abdul lounged beside him.

"I couldn't talk to you before," he explained, "because the chowkidah told my father about last night, and he said I wasn't to have anything more to do with you. But it's all different now, and . . . and Nasir Sahib is going to take us out in his boat!"

Rashid stared. He didn't dare to believe it.

"I . . . I don't understand."

Abdul nodded his big head.

"Nasir Sahib said I was to ask you. When my father explained

A thrilling tale of Pakistan RASHID TO THE RESCUE

by Constance
M. White

across the harbour. There was little wind, but Mr. Nasir showed the boys how to tack, and how to make the most of every little breeze. They followed his instructions, busy and happy, while Shireen lay full length on the seat, one small brown hand trailing through the water.

As the boat passed the end of the stone causeway there was the short, harsh bark of a shot. Shireen sat up, startled, shaking the hair out of her eyes.

"Oh dear, what was that . . . ?"

Mr. Nasir pointed.

"Those boys are shooting seagulls with a shotgun. Watch now . . ."

Hungry boys

Another shot rang out across the water, and this time they all saw the seagull fall from the sky to float, wounded, on a wave. With a mighty splash one of the boys plunged in and swam towards it, scooping the creature up in his hand and imprisoning its legs. He swam back and clambered up the breakwater, one hand holding the seagull aloft in triumph.

Shireen had tears in her eyes.

"The poor thing! It's cruel to kill it . . ."

"The boys are probably hungry," murmured Rashid, but he gazed across at them with a small chill of fear. If their father stayed long in prison, there would come a time when they, too, would be hungry. And who knew how long they would be allowed to stay in their home? It was a wonder Mr. Khan had not turned them out already.

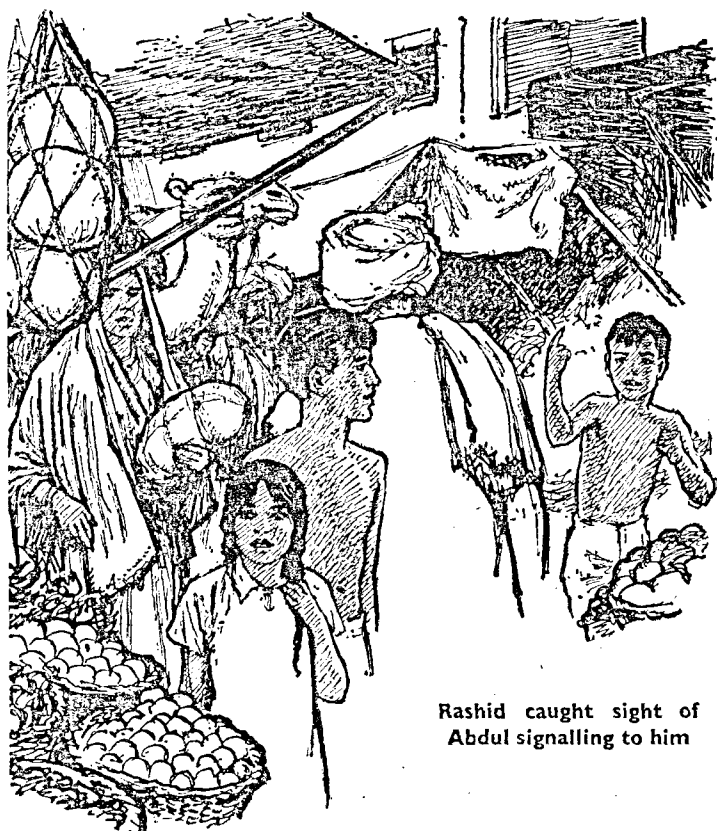
Feeling of panic

For a moment Rashid had a feeling of panic and felt he should not be wasting time and enjoying himself. Then he pushed it all away from him, telling himself that tonight he would watch again; would go on watching this time, even if it meant not sleeping at all.

The sun was setting when at last Mr. Nasir said they must go back. Rashid turned his head to watch the pale blue sky become streaked with crimson, pink, and rose, the splendid colours moving like filmy scarves fanning out from the great golden ball in the centre.

For a few minutes after the sun had disappeared below the long

Continued on page 10



Rashid caught sight of
Abdul signalling to him

in bewilderment. What could have happened? What had he done? He sat down again, his back against the sun-drenched wall, and misery swept over him as he remembered that the chowkidah had said he would speak to Abdul's father. Yes, that must be it. And now Abdul had been forbidden to talk to him again. He would not hear any more about what was taught in school; neither would he have any help in finding out what Khan Sahib was up to with Mahmoud.

Mr. Nasir's car drove into the courtyard, and the big, jovial man for whom Abdul's father worked smiled at Rashid in a friendly fashion as he got out. That cheered Rashid up a little, for Mr. Nasir was something of a hero to both the boys. A kind and just master who was actually willing to pay school fees for the son of his bearer was someone quite out of the ordinary; besides, Mr. Nasir had important friends, and the black-bearded man who

more?" asked Shireen, peering at him through her hair.

"No, I'm not hungry."

"Well, I am."

She grinned and reached for her brother's plate, while his mother asked gently, "What's the matter, son?"

"Nothing." He smiled at her and shook his head, not wanting to add to her troubles.

Presently he wandered out into the courtyard again and threw himself down in the shade of the tree. Suddenly a small body hurled itself upon him with shrieks of merriment, and there was Shireen. He sat up and looked at her curiously, wondering how she could be so gay.

"Don't you mind about Father being in prison?" he asked her.

Her small face clouded, and her dark eyes held tears.

"Oh, Rashid, of course I do!"

He was ashamed now to have made her sad.

"I shouldn't have said that. Of

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WORLD OF STAMPS

FIFTY YEARS OF AIR MAIL

THE vast network of airmail services which now covers five continents had its beginnings just 50 years ago this week in Britain.

In 1911, festivities were being organised for the Coronation of King George V and Queen Mary, the grandparents of our present Queen. As part of the festivities, it was suggested that a few letters and postcards should be carried by plane all the way from Hendon aerodrome to Windsor, a distance of 20 miles.

The suggestion came from a naval officer, Commander Sir Walter Windham, who had already organised a similar flight at Allahabad, in India, in February 1911. That had been the world's first official airmail flight. The Hendon to Windsor flights were to be the first official airmail service.

So great was everyone's interest in the venture that about 120,000 souvenir postcards and envelopes were sold. They had a view of a

Farman biplane flying over Windsor Castle and they cost 6d. and 1s. each.

The first flight took place on 9th September, 1911. It was a



blustery day and the pilot, Gustav Hamel, had great difficulty in controlling his flimsy Blériot monoplane. But eventually he rose into the air, and twelve minutes later he landed safely in Windsor Great Park.

Rashid to the Rescue

Continued from page 9

dark line of the sea, the whole sky was lit as if with flames. Then, as happens in the East, darkness fell suddenly, and he saw the flashing beam from the lighthouse point a long finger across the water. They drew nearer to the quay and the lights from the shore were reflected in the dark pool, making the shadows seem deeper and more mysterious.

Shireen yawned as they clambered out of the boat and climbed the wooden staircase to the quay-side. Mr. Nasir smiled:

"Full of sunshine and sea air, eh? Take her home, boys. I'm not coming just yet. I've some business to see to."

Sharp-eyed Shireen

He strode away, brushing aside their thanks, and the three children wandered along the road towards the town. Shireen yawned again and remarked casually:

"I wonder where Khan Sahib was going?"

Rashid stopped short, staring at her.

"Khan Sahib? Where is he? Where did you see him?"

Shireen waved a hand backward in the direction of the quay.

"Didn't you notice? We passed him in the harbour just now. He was in a dirty old boat with that Mahmoud from the bazaar. You know..."

Indeed he did. Rashid's eyes met Abdul's imploringly. He knew that his mother would expect him to see Shireen home. But if only Abdul would stay, he could join him later. He must, he simply must find out what Mr. Khan was doing.

To his friend's relief Abdul gave a little nod, showing he understood. A few moments later he said suddenly:

Altogether 20 flights were made between Hendon and Windsor during the following week, and the postmark shown here was used on all the mail carried.

To mark the 50th anniversary of this historic service, British European Airways are organising a special helicopter flight from Hendon to Windsor on Saturday. Souvenir postcards are being produced and a commemorative postmark will be used at Windsor on that one day only.

An interesting catalogue, *Fifty Years of British Air Mails*, has been compiled by N. C. Baldwin and published by Francis J. Field, Ltd., at 10s. It lists 75 different airmail services started between 1911 and 1960, with the values of letters carried on each.

Two philatelic exhibitions open this week. One is Midland Stampex, organised by the Philatelic Traders' Society at the Midland Institute, Birmingham, from 7th to 9th September. Midland Stampex is being opened by the Lord Mayor of Birmingham, and many interesting exhibits, as well as dealers' stands, will be on view.

Another exhibition is being held from 9th to 29th September at the Central Library, Manchester. The exhibits, provided by various philatelic societies in Manchester and the north-west of England, will be changed every week.

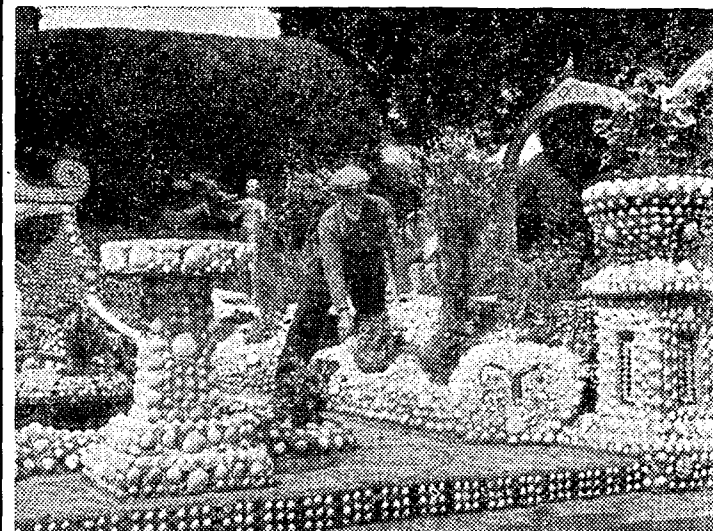


AMONG recent Russian issues are three stamps showing exciting modern sports—motor-boat racing, motor-cycling and, on the 4-kopeck value pictured here, gliding.

C. W. HILL

To be continued

ALL HIS OWN WORK

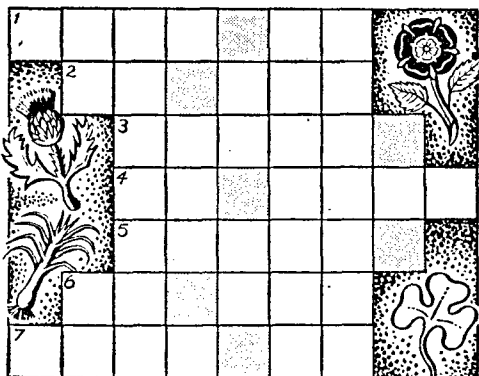


It has taken Mr. Sydney Dowdeswell 40 years to make this garden at Hindlip, Worcestershire. He has embedded stones, shells, fragments of glass and porcelain in concrete and planted flowers here and there as well.

PUZZLE PARADE

Around Great Britain

First, find the answer to each clue. When you have done so, take the letters in the shaded squares and re-arrange them to spell the name of an English county.



Somerset village famed for its cheese.

Firth of the Irish Sea.

River on which Gloucester stands.

County town of Norfolk.

So-called "Isle" in Kent.

Irish mountains famous in song.

Capital of Northern Ireland.

HORSE SENSE

THE slowest horse can be made fast,
It's simple as can be.
You fix a halter round its neck,
And tie it to a tree.

Word square

YOUNG horse
At one time
Pain
Vegetable

The song birds' new safety rule

THE safety rule most often repeated by the song birds who came from overseas each Summer to nest in Oakhanger spinney was: "BEWARE OF THE STOAT."

"Beware of his seizing you, or stealing your eggs and fledglings," the sitting birds counselled each other. "Beware of his cunning, he has many tricks to deceive you," said the parents to the young birds directly they were on the wing. And this they went on saying.

Until one day, when the time of their Autumn departure drew near, the younger birds agreed they were tired of these constant warnings, and watchfulness.

"Surely if we band together next time we see Stoat, and mob him, and tell him exactly what we think of his horrible habits, he will be scared, and mend his ways," they said.

But one young Willow Warbler disagreed. So they called him a coward.

Well, that evening from a high tree, Willow Warbler watched them begin mobbing Stoat as he

appeared in the ride on mischief bent.

Bewildered by their fluttering and shrieking, Stoat stopped, and said slyly: "I'm sorry to have upset you. But you have got me all wrong. I want to be friends. Look, I will dance to amuse you!"

And he began leaping, and twisting, and turning somersaults till the birds were saying admiringly: "Isn't he clever! We certainly were wrong." And they moved closer to see better.

Then Willow Warbler shrieked from above: "Fly for you lives! Can't you see this is a trick, and he means to pounce any moment?"

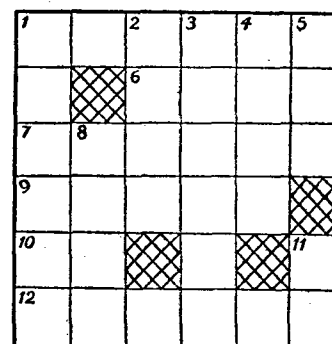
The warning came not a moment too soon. As the startled birds flew upwards, Stoat pounced. And missed the nearest Chiffchaff.

Well, never again did they call Willow Warbler coward, but instead, adopted his new safety rule: "Beware, most of all, of a Stoat who dances."

JANE THORNICROFT

CROSS-MOT PUZZLE

How good is your French? In this Anglo-French puzzle the words across are French and the words down are English. Clues are in English for French words, and in French for English words. Even if you do not know all the French words, you should still find them; in fact, this is quite a good way of learning them.



READING ACROSS. 1 Sold (plural). 6 Relative to Scotland. 7 Chair. 9 To air. 10 A whole year backwards. 12 Sad.

READING DOWN. 1 Libre. 2 Prés. 3 Séchoirs. 4 Un pays de Pest. 5 Voir. 8 Entendre. 11 Il.

Answer next week.

ALL CHANGE!

In this word puzzle, the two incomplete words in each sentence are anagrams; that is, they consist of the same letters re-arranged. The dots stand for the missing letters. Example: danger, ranged.

Answers are given in column 3

1. They arrived l... for school and told an incredible t...
2. He is a mathematician who l.... to s.... difficult problems.
3. Though you may g.... your teeth at the idea, everything h.... on his decision.
4. The farmer c.... out to his wife to bring another barrel of c....
5. It is the l... of power which makes men wish to r... over others.
6. He c.... a higher salary as he n.... the top of his profession.

THIS WEEK'S BIRTHDAYS

If you have a birthday this week you share it with one of the following famous people.

- 3rd September Alan Ladd, film star
4th September Mitzi Gaynor, film actress
5th September Louis XIV, King of France
6th September Lord Birkett
7th September King Baudouin of Belgium
8th September Peter Sellers and Harry Secombe
9th September Emile Littler, theatrical producer

Complete the words

By putting three letters on either side of those below you can form words that match the clues. Now see if you can find the three words.

- MSI--- Having odd fancies
---TOD--- Guardian or keeper
---GNE--- Eye - glasses with a handle

ANSWERS TO PUZZLES

Complete the words. Whimsical; cus-todian; lor-gne-tte.

Word square

FOAL
ONCE
ACHE
LEEK

AROUND GREAT BRITAIN

CHEDDAR
SOLWAY
SEVERN
NORWICH
THANET
MOURNE
BELFAST

The letters in shaded squares when re-arranged will spell RUTLAND.

ALL CHANGE!

1 late, tale. 2 loves, solve. 3 gnash, hangs. 4 cried, cider. 5 lure, rule. 6 earns, nears.

Find the hidden objects



TEN objects have been hidden in this picture. See how quickly you can find them.

25 FOUNTAIN PENS TO BE WON!

SCHOOL days are on the way—and that means there's writing to be done! In this week's competition there are 25 splendid "Osmiroid" exchange-point Fountain Pens to be won and entry is FREE to all boys and girls under 17, living in Great Britain, Northern Ireland, and the Channel Islands.

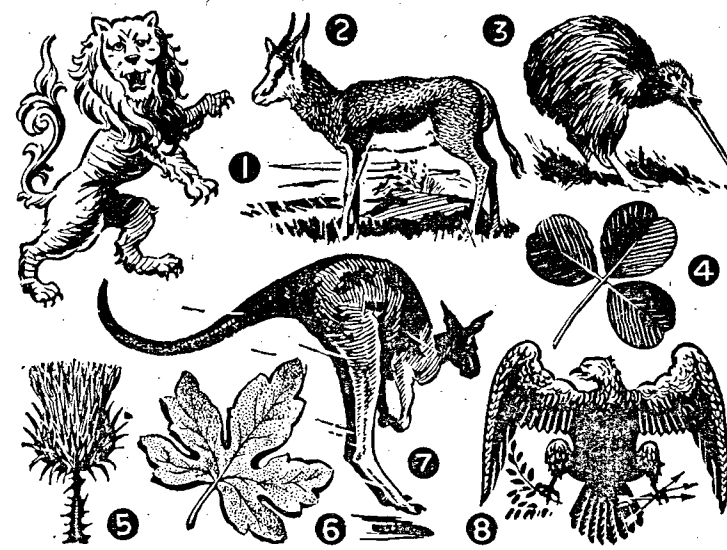
WHAT TO DO: You all know that every country has a national flag, but apart from this there is sometimes a special emblem or object that has become associated through the years with one particular land. Below, we have pictured EIGHT such examples. Can you state which countries are represented and name the capital city of each?

On a postcard, make a neat, numbered list, with the name of the capital alongside the name of the country. For example: 1—England; London—and so on. Add your full name, age, and address then ask a parent or guardian to sign the entry as your own, unaided work. Post the card to:

CN Competition No. 5,
3 Pilgrim Street, London, E.C.4 (Comp.)

to arrive not later than Tuesday, 19th September, the closing date.

The prize Fountain Pens will be awarded to the 25 boys and girls sending in the neatest correct entries, age being taken into consideration. The Editor's decision is final.



SCHOOLBOY STARS SEEK SOCCER FAME

SCHOOLBOY international footballers last season, now apprentice professionals with the big League clubs. That is the experience of most of the boys who played so well for England last season.

Among them are John Sissons, of Hayes, Middlesex, who has joined West Ham United along with his England and Middlesex left-wing partner Peter Bennett. Doug Prosser, the smallest boy in the side, has signed for Aston Villa, whose ground is only a stone's throw from his home and his old school.

Peter Storey, from Farnham, Surrey, a centre-half or full-back, is on Arsenal's ground-staff, and Barrie Wright, the Bradford boy who captained England at left-back, has joined Leeds United. Goalkeeper Alan Ogley, who helped Barnsley to win the English Schools Trophy and played so well in most of England's inter-

national teams, is now on the staff of his local club.

Two others who have joined their local club are right-back Geoff Harcombe, who has gone to Everton, and Barry Figgins, the flying Portsmouth winger. Centre-half John Sainty has moved across London—from Barking to Tottenham—and the Spurs!

Glyn Pardoe, of Winsford and Mid-Cheshire, the strapping young centre-forward who scored four goals at Wembley against Wales, hopes to win senior honours with Manchester City.

Photos galore for the young soccer fan

THE Golden Age of Opportunity in football is almost with us. As the New Deal comes into operation, I forecast that the youngsters in the game will never have had it so good.

"Soccer's wind of change will benefit youngsters just as much as established stars. True, the boys who make the grade will be fewer, but the prizes at the end of the trail will be worth taking the risk.

"I can assess football as an occupation for a youngster today only by comparison with my own early years. And, having done that, it is clear to me that the stars of tomorrow will see blue skies ahead."

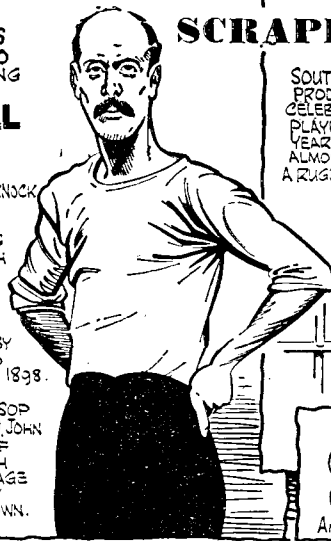
This football forecast was written by Joe Mercer, manager of Aston Villa, in Charles Buchan's *Soccer Gift Book 1961-62* (Longacre Press, 10s. 6d.). He

SCRAPBOOK

EVEN STANLEY MATTHEWS HAS STILL SOME WAY TO GO TO EQUAL THE LONG PLAYING RECORD OF
JOHN GOODALL

BORN IN 1863, JOHN HAD ALREADY PLAYED FOR KILMARNOCK AND GREAT LEVER (BOLTON) WHEN HE JOINED PRESTON NORTH END IN 1886. HAVING HELPED PRESTON TO WIN BOTH LEAGUE AND CUP IN SEASON 1888-9, HE MOVED ON TO DERBY COUNTY, WHOM HE CAPTAINED FOR ELEVEN YEARS. WITH DERBY HE FIGURED IN HIS SECOND (UNSUCCESSFUL) CUP FINAL IN 1898.

AFTER TWO YEARS WITH GLOSSOP (THEN IN THE FOOTBALL LEAGUE) JOHN BECAME PLAYER-MANAGER OF WATFORD. HIS LAST MATCH WAS IN 1913 WHEN AT THE AGE OF 50 HE ASSISTED WATFORD (S.WALES) AGAINST SWANSEA TOWN.



SOUTH WALES HAS PRODUCED MANY CELEBRATED SOCCER PLAYERS, BUT FIFTY YEARS AGO IT WAS ALMOST ENTIRELY A RUGBY STRONG HOLD...

...SO WHEN SWANSEA TOWN F.C. EMERGED AS A SOUTHERN LEAGUE CLUB IN 1911, IT WAS NECESSARY TO PRINT EXTRACTS FROM THE RULES OF SOCCER IN THE MATCH PROGRAMMES TO HELP SPECTATORS TO UNDERSTAND WHAT WAS TAKING PLACE ON THE FIELD OF PLAY.

NAME THE SOCCER CLUB NOW PLAYING IN ITS THIRD DIFFERENT KIND OF LEAGUE FOOTBALL IN THREE YEARS

Answer below

What's my line?



Mrs. Verity of Gildersome, Leeds, might well ask if her line is for the washing or for training her son John as a pole-vaulter. But vigorous homework like this earned John a place in the English Schools team at Cardiff.

THE AUSSIES' LAST GAME

THE 1961 cricket season is reaching its end, and this Wednesday the Australians begin the last of their matches when they meet Mr. T. N. Pearce's XI at Scarborough.

We shall be sorry to bid them farewell, for under the captaincy

of Richie Benaud they have played entertaining cricket—and winning cricket.

For junior anglers and archers

MOST boys begin their fishing career with a bent pin on the end of a piece of string. A useful introduction to the next stage is provided in a new book, *Angling*, by Clive Gammon (Arco Publications, 12s. 6d.). Written specially for beginners, it contains a great deal of useful information as well as dozens of drawings.

In the same series—Arco Handy-books—is *Archery*, by Edmund Burke, a useful guide to a sport becoming more and more popular.

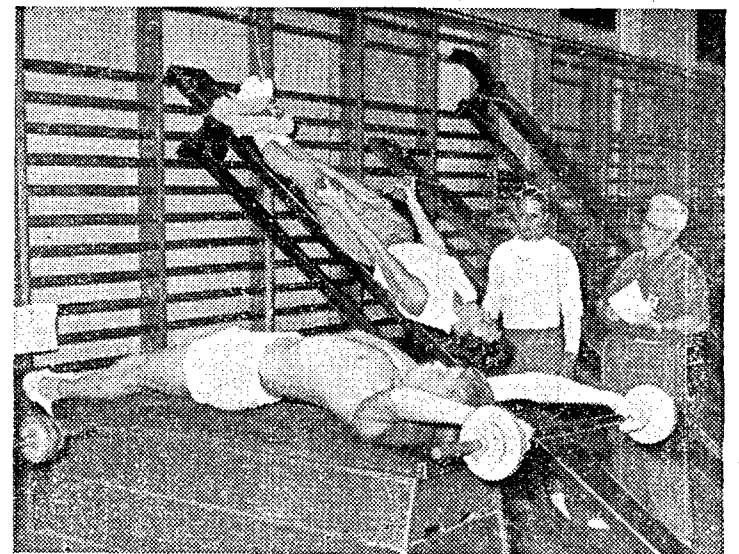
Meeting of Champions at Herne Hill

THRILLS galore can be expected this Saturday at the annual Meeting of Champions at the Herne Hill cycle track in south London. Providing much of the excitement will be two of the world's greatest riders—Brian Robinson and Tommy Simpson, the tough Yorkshire professionals

who live and race on the Continent.

There will be all sorts of races from 1,000 metres sprints to 50-lap events. A highlight of the meeting will be a sprint match between Britain's top independent racing cyclists and the two professionals.

MUSCLE DRILL FOR SWIMMERS



David Ashforth of Surbiton, Surrey, and Jill Norfolk of St. Pancras, London, are here seen doing some muscle-building exercises watched by their coaches. They were taking a holiday training course held by the Southern Counties Amateur Swimming Association at Dartford, Kent.

VIEWING THE OLYMPICS FROM SPACE

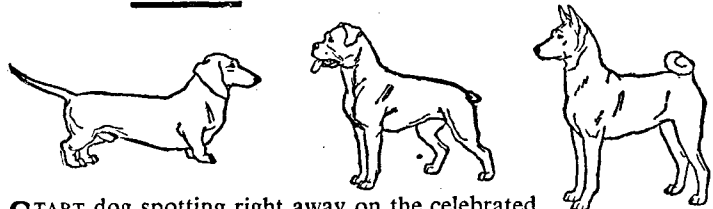
THE 1964 Olympic Games in Tokyo may be televised live to the rest of the world if experiments now being made in America are successful.

One American firm hopes to have a chain of slow-moving telecommunication satellites orbiting

the Earth at around 4,000 miles in full operation by 1963. If these are successful, Britain and America may see the 1964 Olympics—from space.

SCRAPBOOK:
Peterborough United—Midland League;
Football League (Divs. 4 and 3).

CAN YOU SPOT THESE DOGS?



START dog spotting right away on the celebrated pink form (L523) which your teacher can obtain in bundles of 50 (together with free chart in full colour identifying 95 breeds) from:—

Chief Dog Spotter, 10 Seymour St., London, W.1.

Please hand this to your teacher who will appreciate that Dog Spotting is an educational, open air activity sponsored by The National Canine Defence League to encourage kindness to animals.

WATCH FOR NEW CLUB ACTIVITIES

Teacher's Name _____

Address _____

DS/CN73

